Serial No. 09/760,136
Reply to Office Action dated May 5, 2005

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1- 11 (Canceled).

12. (Currently amended) An intravascular guidewire ~~adopted~~ adapted for insertion into the vascular system of a patient during the course of a catheterization procedure, comprising: a titanium molybdenum alloy wire having approximately 78% titanium, 11.5% molybdenum, 6% zirconium and 4.5% tin by weight, the wire having a diameter in a range of from 0.005 inch and 0.040 inch over a predetermined length dimension thereof, said wire having a proximal end portion and a distal end portion that is tapered to a lesser diameter than the diameter of the proximal end portion and that terminates in a rounded distal tip.

Claims 13-15 (Canceled).

16. (Previously presented) The guidewire as in claim 12 having,

the distal end portion with a helical coil attached, and where the coil touches a distal tip of the guidewire, the coil providing springiness proximate the distal tip inhibiting kinking of the coil.

17. (Previously presented) The guidewire as in claim 12 having,

a rounded distal tip member on the end of the distal end portion of the wire to prevent the distal end of the wire from penetrating tissue in the wall of a body lumen upon passage of the guidewire through the body lumen.

18. (Previously presented) The guidewire as in claim 12 wherein,

the wire has a lubricious polymer coating.

19. (Previously presented) The guidewire as in claim 12 wherein,
the wire has a hydrophilic coating.

20. (previously presented) An intravascular guidewire adapted for insertion into the vascular system of a patient during the course of a catheterization procedure comprising a titanium molybdenum alloy wire having approximately between about 75 % and about 83 %titanium, between about 8 % and about 14 %molybdenum, between about 4 % and about 8 % zirconium and between about 2 % and about 6 % tin by weight, the wire having a diameter in a range of from 0.005 inch and 0.040 inch over a predetermined length dimension thereof, said wire having a proximal end portion and a distal end portion where the distal end portion is tapered to a lesser diameter than the diameter of the proximal end portion and terminates in a rounded distal tip.

Claims 21-23 (Canceled).

24. (Previously presented) The guidewire as in claim 20 having coil attached to a distal tip member such that the coil provides springiness at the distal tip portion to prevent kinking of the coil.

25. (Previously presented) The guidewire as in claim 20 having,
a distal tip member on the distal end portion to prevent the distal end of the wire from penetrating tissue in the wall of said body passageway.

26. (Previously presented) The guidewire as in claim 20 wherein,
the wire has a lubricious polymer coating thereon.

27. (Previously presented) The guidewire as in claim 20 wherein,
the guidewire has a hydrophilic coating thereon.

Claims 28- 37 (Canceled).